

ABSTRACT OF THE DISCLOSURE

Methods for conveying, mixing, leveling, and flaking dewatered pulp to produce pulp flakes suitable to be used in a dryer. Methods for producing a consistent flow rate of pulp, and, for producing uniform pulp flakes in terms of pulp flake size and pulp flake moisture content. A method includes introducing a dewatered pulp to a rotating shaftless screw conveyor. The pulp is deposited from the screw conveyor onto a moving belt conveyor through a chute. The pulp is leveled with a rotary doctor located above the belt conveyor to produce a substantially even rate of mass flow of pulp along a length of belt conveyor. Uniform and consistent quantities of pulp per unit time can then be fed from the belt conveyor to a pulp flaker that then translates into an even rate of pulp mass flow to the dryer.